

WHAT IS CLAIMED IS:

1. A system in a printer/copier for ensuring the proper size setting for substrates in a tray, comprising:

a substrate tray adapted for movement from a home position to an open position, and wherein said substrate tray includes a pair of adjustable guides;

a latch mechanism, said latch mechanism including a stud having a flag attached thereto and adapted to move in clockwise and counter-clockwise directions upon movement of said stud;

a sensor adapted to sense the presence of said flag; and

a controller adapted to receive a signal from said sensor and in turn signal a user interface of said machine.

2. ~~The system of claim 1, wherein movement of said adjustable guides triggers said latch mechanism to release said stud and thereby rotate said flag in a clockwise direction.~~

3. ~~The system of claim 2, wherein movement of said tray toward said home position causes said flag to make said sensor with said sensor sending a signal to said controller indicating adjustment of said guides.~~

4. The system of claim 3, wherein said stud abuts a stationary member when said tray is returned to said home position.

5. The apparatus of claim 1, wherein said stud is spring loaded.

6. A system for monitoring the size of substrates in a tray that includes a pair of side guides adjustable to accommodate a variety of substrate sizes, comprising:

a stud member connected to said tray and adapted to be actuated by movement of said side guides;

an arm member connected to and adapted to be moved by said stud member;

a sensor adapted to sense the presence of said arm member and give off a signal; and

a controller, said controller adapted to receive a signal from said sensor and in turn indicate to a user interface that said side guides have been adjusted.

7. The system of claim 6, wherein said stud is spring loaded.

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